

XP-002158361

EMBL:AI031549

ID AI031549 standard; RNA; EST; 484 BP.

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AC AI031549;

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SV AI031549.1

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DT 24-JUN-1998 (Rel. 56, Created)

DT 03-MAR-2000 (Rel. 63, Last updated, Version 3)

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DE ow48c02.x1 Soares_parathyroid_tumor_NbHPA Homo sapiens cDNA clone

DE IMAGE:1650050 3', mRNA sequence.

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KW EST.

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OS Homo sapiens (human)

OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia;

OC Eutheria; Primates; Catarrhini; Hominidae; Homo.

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RN [1]

RP 1-484

RA NCI-CGAP;

RT "National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor

RT Gene Index http://www.ncbi.nlm.nih.gov/ncicgap";

RL Unpublished.

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DR RZPD; IMAGp998F034187; IMAGp998F034187.

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CC Insert Length: 682 Std Error: 0.00

CC Seq primer: -40ml3 fwd. ET from Amersham

CC High quality sequence stop: 457.

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CC On Jan 19, 1998 this sequence version replaced gi:2045841.

CC Contact: Robert Strausberg, Ph.D.

CC Tel: (301) 496-1550

CC Email: Robert_Strausberg@nih.gov

CC cDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima

CC Bonaldo, Ph.D.

CC cDNA Library Arrayed by: Greg Lennon, Ph.D.

CC DNA Sequencing by: Washington University Genome Sequencing Center

CC Clone distribution: NCI-CGAP clone distribution information can be

CC found through the I.M.A.G.E. Consortium/LLNL at:

CC www-bio.llnl.gov/bbrp/image/image.html

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FH Key Location/Qualifiers

FH

FT source 1..484

FT /db_xref="taxon:9606"

FT /db_xref="ESTLIB:417"

FT /db_xref="RZPD:IMAGp998F034187"

FT /note="Organ: parathyroid gland; Vector: pT7T3D (Pharmacia)

FT with a modified polylinker; Site_1: Not I; Site_2: Eco RI;

FT 1st strand cDNA was primed with a Not I - oligo(dT) primer

FT [5' -

FT TGTTACCAATCTGAAAGTGGGAGCGGCCGCACCAATTTTTTTTTTTTTTTTTTT

FT T-3'], double-stranded cDNA was size selected, ligated to

FT Eco RI adapters (Pharmacia), digested with Not I and cloned

FT into the Not I and Eco RI sites of a modified pT7T3 vector

FT (Pharmacia). Library went through one round of

FT normalization to a Cot = 5. Library constructed by Bento

FT Soares and M. Fatima Bonaldo. RNA from sporadic parathyroid

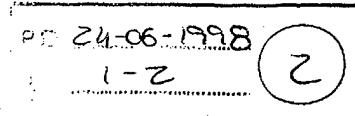
FT adenomas was kindly provided by Dr. Stephen Marx, National

FT Institute of Diabetes and Digestive and Kidney Diseases,

NIH."

FT /organism="Homo sapiens"

FT /clone="IMAGE:1650050"



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FT          /clone_lib="Soares_parathyroid_tumor_NbHPA"
FT          /tissue_type="parathyroid tumor"
FT          /dev_stage="adult"
FT          /lab_host="DH10B (ampicillin resistant)"
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SQ  Sequence 484 BP; 144 A; 113 C; 102 G; 125 T; 0 other;
ttttttgag aactgttaat gggtaacttt atttcatata aaagttacat tgaaagaaga 60
ggttgaaaag tcaagtatac ttgatttgc acaacttgcc aagtctcaca ggattcaacc 120
acttggataa ttgttttttata gataacagga tatacatatt aaaagccctca cactgaagcc 180
cacacgcatg tccaaaccsag acaacaatgt gcaaaatgaat atgcagaaca atctcgaaaa 240
ctggcgctc caggatcacc cacatgttgc cccctggct gtgacgcagc ttccccccca 300
acggcgcaca cgcttctgcg gtgaccaagt ccacttccaa accccctgca gggttgcgc 360
cttggcttagg acggtggtc agtaggtcc ctttgggtt ttgcatacgc agtgttagaa 420
gcctgattc ggatgggtta cagagtaatt aaaaacaaaa aacagttcac agatgaacag 480
aaag

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